



17714
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

FOR the application of:

ROBERT ANTHONY MARIN ET AL.

CASE NO.: TK3410USNA

SERIAL NO.: 09/691,273

GROUP ART UNIT: 1771

FILED: OCTOBER 18, 2000

EXAMINER: LYNDA SALVATORE

FOR: FLASH-SPUN SHEET MATERIAL

REPLY UNDER 37 C.F.R. 1.111

Assistant Commissioner for Patents
Washington, DC 20231

RECEIVED
FEB 25 2003
TC 1700

Sir:

In response to the Office Action dated August 30, 2002, please amend the above-referenced application as follows:

IN THE SPECIFICATION:

At Table 3, page 27, please amend as follows.

Table 3 – Crush Testing

<u>Example</u>	C	B	D	E	9	10
Spinning Conditions						
Polymer Concentration (wt%)	18	17	17.5	15.8	20	16
Spinning Temperature (°C)	185	190	198	200	211	207
Letdown Pressure (psi)	700	960	1100	-	1310	-
Screens	7x50	none	none	none	7x50	None
Spin Orifice L/D	4/1	Std	Std	Std	4/1	Std
Entrance Angle (degrees)	23.6	60	60	60	23.6	60
Tunnel	Rad	No rad	No rad	No rad	Rad	No rad
Crush Properties						
Actual Crush Height	13.7	11.3	20.7	9.0	15.0	9.3
Normalized Crush Height (mm) (Normalized to 1 g)	7.3	6.3	7.8	5.9	5.8	5.8
Restored Height (mm)	14.9	12.4	22.4	10.3	23.6	11.4
Crush value (mm/g)	0.66	0.61	0.64	0.86	3.35	1.32
Surface Area (m ² /g)	19.73	14.78	17.12	11.16	2.89	6.36